

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1925474	test\$3 certifi\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 17:16
L2	1512557	magnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 17:16
L3	2101854	head transducer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 17:16
L4	142423	2 near 3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 17:17
L5	2169	4 with 1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 17:42
L6	5649179	remov\$4 replac\$4 exchang\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 17:42
L7	86427	L6 near4 L3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 17:43
L8	54	5 same 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 17:45
L9	1292316	(((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive\$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 17:43

## EAST Search History

L10	1292316	L9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 17:43
L11	6709083	predetermin\$3 establ\$4 defin\$4 determin\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 17:44
L12	53094	skew	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 17:44
L13	7015	L11 with L12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 17:45
L14	2	8 and 13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 17:45
L15	4	5 and 7 and 13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 17:46
L24	384621	brake	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 18:14
L25	237172	anchor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 18:18
S1	1292316	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive\$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:16

## EAST Search History

S2	4983000	(spin near stand) test\$3 manufactur\$3 (burn near in) burnin	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 17:15
S3	5649179	remov\$4 replac\$4 exchang\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:17
S4	2101854	head transducer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:18
S5	96027	skew ((magneto-resistive magnetoresistive (magneto near resistive) head transducer read/write read-write (read near write) track) near3 (offset skew displacement misregistration)) MRO TRM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:45
S6	10819908	sens\$3 detect\$3 determin\$3 calculat\$3 deriv\$3 estimat\$4 judg\$3 measur\$3 monitor\$3 observ\$4 predetermin\$3 establ\$4 defin\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:44
S7	86427	S3 near4 S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:21
S8	4068955	(vibrat\$6 deform\$6 bending shak\$3 flexing (butterfly adj mode\$1) resona\$5 accelerat\$5 shock\$2 collision\$1 impact\$3 disturb\$4 disturbance)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:21
S9	17950	S5 near4 S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:21
S10	243117	piezo (piezoelectric piezo-electric (piezo near electric) pzt)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:24

## EAST Search History

S11	78869	S10 with S8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:24
S12	20	S1 and S2 and S7 and S8 and S9 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:38
S13	6	("5666237" "6566870").pn. "20020130457"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:44
S14	582	spin near stand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:44
S15	6709083	predetermin\$3 establ\$4 defin\$4 determin\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:44
S16	53094	skew	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:45
S17	7015	S15 with S16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:45
S18	1	S1 and S7 and S9 and S14 and S17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:46